

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/413 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KUO W-K ET AL: "Enhanced backoff scheme in CSMA/CA for IEEE 802.11" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 5100, 2003, pages 92-103, XP002300098 ISSN: 0277-786X Chapters 1, 2  ----- -/--	1-14



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

25 January 2005

Date of mailing of the international search report

01/02/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CHUN-TING CHOU ET AL: "Inter-frame space (IFS) based service differentiation for ieee 802.11 wireless LANs" VEHICULAR TECHNOLOGY CONFERENCE, 2003. VTC 2003-FALL. 2003 IEEE 58TH ORLANDO, FL, USA 6-9 OCT. 2003, PISCATAWAY, NJ, USA,IEEE, US, vol. 3, 6 October 2003 (2003-10-06), pages 1412-1416, XP010702439 ISBN: 0-7803-7954-3 Chapters I-III	1-14
A	EP 0 314 217 A2 (N.V. PHILIPS' GLOEILAMPENFABRIEKEN) 3 May 1989 (1989-05-03) page 2, line 3 - page 5, line 9	1-14
A	EP 0 125 095 A1 (KABUSHIKI KAISHA TOSHIBA) 14 November 1984 (1984-11-14) page 6, line 28 - page 7, line 10 page 22, line 21 - page 23, line 34; figure 12a	1-14

## INTERNATIONAL SEARCH REPORT

Information on patent family members

onal Application No

IB2004/052838

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0314217	A2	03-05-1989	GB 2212032 A 12-07-1989
			CA 1319409 C 22-06-1993
			CN 1038385 A ,B 27-12-1989
			DE 3888624 D1 28-04-1994
			DE 3888624 T2 22-09-1994
			DK 596688 A 01-05-1989
			FI 884957 A ,B, 01-05-1989
			JP 1152837 A 15-06-1989
			US 4979168 A 18-12-1990
EP 0125095	A1	14-11-1984	JP 59204344 A 19-11-1984
			JP 59204346 A 19-11-1984
			DE 3462300 D1 05-03-1987